

WE CLAIM:

1. A conduit means adapted to transport associated waste fluid from an associated receptacle to an associated suction means, comprising;

5 a first conduit having a first end adapted to receive the associated waste fluid from the associated receptacle and a second end, wherein the first conduit is adapted to be substantially received within the associated receptacle;

a first connector attached to the second end of the first conduit;

10 a second conduit having a first end and a second end adapted to connect to the associated suction means;

a second connector attached to the first end of the second conduit, wherein the second connector includes a flow direction device; and,

wherein the first connector and second connector are selectively connectable to each other.

15 2. The conduit means of claim 1 wherein:  
the flow direction device comprises a flap; and,  
the first connector comprises an inner wall having a first end that causes the flap to pivot to an open position when the first connector and second connector are connected to each  
20 other.

3. The conduit means of claim 2 wherein the first connector further comprises:

an outer wall; and,

25 an inner support member that connects the outer wall and the inner wall, the inner support member having a plurality of holes for use in enabling the pressure inside the associated receptacle to be equalized with pressure outside the associated receptacle.

4. The conduit means of claim 3 wherein the upper end of the outer wall of the first connector has at least a first scallop, the scallop and plurality of holes combining to enable air to flow from outside the associated receptacle to inside the associated receptacle.

5 5. The conduit means of claim 2 wherein the second connector comprises an inlet with an end surface having at least a first scallop, the inlet selectively operatively receiving the inner wall of the first connector.

10 6. The conduit means of claim 2 wherein the first end of the inner wall of the first connector has at least a first scallop for use in preventing occluding at the interface of the first end of the inner wall and the flap.

15 7. The conduit means of claim 1 wherein the first conduit is of sufficient length to be usable in multiple associated receptacle sizes.

8. A conduit means adapted to transport associated waste fluid from an associated receptacle, comprising;

a first conduit having a first end adapted to receive the associated waste fluid from the associated receptacle and a second end, wherein the first conduit is adapted to be  
20 substantially received within the associated receptacle; and,

a first connector attached to the second end of the first conduit, the first connector having an outer wall and an inner wall that protrudes above the outer wall, the inner wall for use in attaching the first connector to an associated second connector.

25 9. The conduit means of claim 8 wherein the first end of the first conduit comprises a plurality of holes.

10. The conduit means of claim 8 wherein the first connector further comprises:

an inner support member that connects the outer wall and the inner wall, the inner support member having a plurality of holes for use in enabling the pressure inside the associated receptacle to be equalized with pressure outside the associated receptacle.

5                    11.     The conduit means of claim 10 wherein the outer wall has an inner surface that is adapted to receive the walls of a first tower extending from an associated cap that covers the associated receptacle.

10                   12.     The conduit means of claim 10 wherein the upper end of the outer wall of the first connector has at least a first scallop, the scallop and plurality of holes combining to enable air to flow from outside the associated receptacle to inside the associated receptacle.

15                   13.     The conduit means of claim 12 wherein the outer wall of the first connector has a lower end with a flange portion that extends radially outward beyond the outer wall.

14.     An apparatus for use in transporting associated waste fluid from an associated receptacle to an associated disposal site, comprising:

20                   a first conduit having a first end adapted to receive the associated waste fluid from the associated receptacle and a second end, wherein the first conduit is adapted to be substantially received within the associated receptacle;

                    a first connector attached to the second end of the first conduit;

                    a second conduit having a first end and a second end adapted to connect to the associated suction means;

25                   a second connector attached to the first end of the second conduit, wherein the second connector includes a flow direction device, wherein the first connector and second connector are selectively connectable to each other;

                    an eductor pump assembly comprising:

(i) a water inlet adapted to receive associated water from an associated pressurized water source;

(ii) a valve for use in activating the eductor pump assembly;

(iii) an eductor having a first inlet that receives water from the valve and a  
5 second inlet that receives the associated waste fluid; and,

(iv) an outlet for use in communicating the associated water and the associated waste fluid to the associated disposal site.

10 15. The apparatus of claim 14 wherein:  
the flow direction device comprises a flap; and,  
the first connector comprises an inner wall having a first end that causes the flap to pivot to an open position when the first connector and second connector are connected to each other.

15 16. The apparatus of claim 15 wherein the associated receptacle includes a cap having a first tower and a lid used to cover the first tower, the first connector further comprising:  
an outer wall having an upper end adapted to receive the lid of the associated receptacle.

20 17. The apparatus of claim 15 wherein the first connector further comprises:  
an outer wall; and,  
an inner support member that connects the outer wall and the inner wall, the inner support member having a plurality of holes for use in enabling the pressure inside the associated receptacle to be equalized with pressure outside the associated receptacle.

25 18. The apparatus of claim 17 wherein the upper end of the outer wall of the first connector has at least a first scallop, the scallop and plurality of holes combining to enable air to flow from outside the associated receptacle to inside the associated receptacle.

19. The apparatus of claim 18 wherein the second connector comprises an inlet with an outer surface having at least a first scallop, the inlet selectively operatively receiving the inner wall of the first connector.

5                   20. The apparatus of claim 19 wherein the first connector also has an inner wall with a first end that that protrudes above the outer wall.

21. A method of transporting associated waste fluid from an associated receptacle to an associated sanitary sewer, comprising the steps of:

10                   providing an eductor pump assembly comprising (i) a water inlet adapted to receive associated water from an associated pressurized water source; (ii) a valve; (iii) an eductor having a first inlet that receives water from the valve and a second inlet that receives the associated waste fluid; and, (iv) an outlet for use is communicating the associated water and the associated waste fluid to the associated sanitary sewer;

15                   providing a conduit means adapted to transport associated waste fluid from the associated receptacle to the eductor pump assembly comprising (i) a first conduit having a first end adapted to receive the associated waste fluid from the associated receptacle and a second end; (ii) a first connector attached to the second end of the first conduit; (iii) a second conduit having a first end and a second end; (iv) a second connector attached to the first end of the  
20 second conduit, wherein the second connector includes a flow direction device;

                  attaching the second end of second conduit to the second inlet of the eductor;  
                  positioning the first conduit substantially within the associated receptacle;  
                  connecting the first connector to the second connector; and,  
                  activating the eductor pump assembly.

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22. The method of claim 21 wherein the step of connecting the first connector to the second connector comprises the step of:  
                  opening the flow direction device.

23. The method of claim 22 wherein the step of opening the flow direction device comprises the steps of:

contacting a first end of an inner wall on the first connector against a flap within the second connector; and,

5 pivoting the flap thereby permitting fluid to flow.

24. The method of claim 23 wherein the step of activating the eductor pump assembly comprises the step of:

opening valve by turning a handle on the valve.

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25. The method of claim 24 wherein after the step of activating the eductor pump assembly, the method further comprises the steps of:

separating the first connector from the second connector;

discarding the first conduit along with the associated receptacle; and,

15 maintaining the second conduit for reuse.

26. The method of claim 25 wherein the associated receptacle includes a cap with at least a first tower defining an opening into the associated receptacle, wherein the step of positioning the first conduit substantially within the associated receptacle, comprises the step of:

20 attaching the first connector to the associated tower.

27. The method of claim 26 where wherein the associated receptacle includes a lid used to cover the first tower, wherein after the step of separating the first connector from the second connector but before the step of discarding the first conduit along with the associated

25 receptacle, the method further comprises the step of:

covering the first connector with the associated lid.